

U.S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

DATE: August 17, 1984

Region II
Response and Prevention Branch
Edison, NJ 08837

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(Data Gram)
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TAT

DIRECTOR'S OFFICE

1984 AUG 22 PM 4:44

EPA-REGION II
OFFICE OF EMERGENCY &
REMEDIAL RESPONSE

POLREP NO.: Thirty-One (31)
INCIDENT NAME: Hicksville MEK
SITE/SPILL NO.: 246-82, CERCLA No: 36
POLLUTANT: Methyl Ethyl Ketone
CLASSIFICATION: Medium
SOURCE: Mattiace Petrochemical Co., Glencove, New York
LOCATION: Hicksville, Long Island
AMOUNT: Approximately 3,000 Gallons
WATER BODY: Groundwater

1. SITUATION:

A. Planned removal activities on site are on-going under contract for services #68-01-6893 with O.H. Materials Company.

2. ACTION TAKEN:

A. Approximately 1,389,948 gallons of groundwater, averaging 150 ppm, have been pumped out of the ground. Of this, an estimated 146,920 gallons have been lost to evaporation and an estimated 1,243,028 gallons of groundwater have been successfully treated to NYSDOH specified limits and reinjected.

B. Influent concentrations have fallen from the initial high of 800 ppm to less than 40 ppm from the on-site extraction wells.

C. The system is operating continuously except for periodic maintenance. It is anticipated that in the near future, as a result of the dropping influent concentration, it will not be necessary to recycle each influent batch. To date, 6 batches have not required recycling through the system, 19 batches have been stripped twice and 8 batches have required 3 cycles of stripping.

D. Replacement of stripper main pump and part of the stripper inlet piping was required on August 12, 1984 as a result of acid attack. New corrosion-proof components are being installed, but operation has continued using temporary components.

3. STATUS OF FUNDS:

A. Total Extramural Trust Funds Authorized for Mitigation Contracts	\$ 900,000.00
B. Expenditures for Mitigation	
1.a. Amount obligated under ERCS Contract #68-01-6893, O.H. Materials, Order for Services Number 2893-02-002 dated 2/13/84 (DCN #D2D013)	500,000.00
1.b. Estimated expenditures to 7/29/84 under (DCN #D2D013)	500,000.00
1.e. Balance of obligated amount under (DCN #D2D013)	-0-
2.a. Amount obligated under ERCS Contract #68-01-6893, O.H. Materials, Order for services Number 2893-02-002 dated 8/14/84 (DCN #KCS407)	323,550.00
2.b. Estimated expenditures to 8/14/84 under (DCN #KCS407)	102,236.17
2.c. Balance of obligated amount under (DCN #KCS407)	\$ 221,313.83
C. Balance of unobligated funding under DCN #D2D013 dated 8/14/84	76,450.00
D. Estimated total expenditures to 8/14/84 for mitigation contracts	602,236.17

E. Other estimated costs

a. TAT costs to date through 8/17/84 25,114.23

F. Intramural costs

a. EPA to date through 8/14/84 12,000.00

G. Total estimated expenditures to 8/14/84 \$ 639,350.40
Percentage of IM (63.94% IM)

4. FUTURE PLANS AND RECOMMENDATIONS:

A. The possibility of adding low-cost in-ground biodegradation to the on-going process is being Investigated with particular emphasis on non-contaminating nutrient addition to stimulate the bacteria native to the site.

B. Continue the authorized planned removal action.

CASE PENDING X
(TAT)

CASE CLOSED _____

SUBMITTED BY: Robert M. Cobiella

Robert Cobiella, OSC
Site Mitigation
Section

Date Released: 8/17/84